



Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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Week Ending May 16, 2010

FARMERS CONTINUE TO EVALUATE DAMAGE

Although water levels have receded in most parts of the state affected by recent flooding, many acres of farm land are still under water and not in condition for planting crops or harvesting hay. West and Middle Tennessee received above-normal precipitation last week, slowing down the process of drying out saturated fields. Many farmers in East Tennessee have been able to cut hay. Tobacco has been transplanted in areas which are dry enough. Strawberry harvest is underway. Farmers in flood areas have been busy last week tending to their cattle and repairing broken fences. The corn crop was rated 5 percent in very poor condition, 7 percent poor, 26 percent fair, 48 percent good, and 14 percent excellent. Wheat was rated 2 percent very poor, 7 percent poor, 25 percent fair, 47 percent good, and 19 percent excellent. Pasture conditions were 1 percent very poor, 7 percent poor, 27 percent fair, 52 percent good, and 13 percent excellent. Hay was rated 3 percent very poor, 8 percent poor, 27 percent fair, 50 percent good, and 12 percent excellent. There were 4 days suitable for fieldwork last week. Topsoil moisture levels were rated 6 percent short, 68 percent adequate and 26 percent surplus. Temperatures averaged a few degrees above normal. Precipitation levels were above normal in West Tennessee and below normal in East Tennessee.

CROP PROGRESS					STATE STORM DAMAGE ASSESSMENT				
Crop	This Week	Last Week	2009	Five Year Avg.	Item	None	Light	Moderate	Severe
Percent					Percent of Damage				
Corn – Planted	93	88	78	91	Corn	45	16	21	18
Corn – Emerged	84	74	66	79	Wheat	62	17	14	7
Cotton – Planted	28	14	9	44	Hay	72	15	8	5
Hay – First Cutting	19	9	8	23	Livestock	86	7	5	2
Soybeans – Planted	19	10	7	24	(for tables of damage by district, please see back page)				
Soybeans – Emerged	6	NA	NA	8					
Tobacco – Transplanted	16	5	8	19					
Winter Wheat – Headed	91	73	95	96					

NA = not available

County Agent Comments

“The farther we are getting away from the time of the storms, the more we are realizing its effects. Much bottom ground is still flooded and is pushing us more into soybean acreage.”

James Griffin, Lauderdale County

“Tennessee river is not falling too fast. Still flooded fields across county. Hay crop will be lost on first cutting. Farmers are very discouraged, have stopped planting crops and are working their cattle.”

Steve Glass, Decatur County

“Still hurting from flood waters. Many fences destroyed and many fields have a tremendous amount of debris washed into them. Spring cutting of hay was greatly damaged. Bottoms are still wet, yet to determine when these can be planted or re-planted.”

Troy Dugger, Hickman County

“Tobacco setting began last week after fields dried. Some disease pressure in greenhouses seen but sunny weather has helped check this problem. Strawberry crop harvest began last week and crop quality and yields good to this point.”

Paul Hart, Robertson County

“Trashy and muddy hay being helped by rainfall but frequent rains preventing timely harvest. Tobacco diseases starting to build up in greenhouses as weather delays setting.”

David K. Glover, Smith County

“A quarter of an inch of rain on Monday was the only interruption to field work this week. Most producers were back in the fields Tuesday afternoon. Cooler than normal temperatures started the week with warmer conditions prevailing by week’s end, warmer night temperatures has crops making excellent progress.”

Ed Burns, Franklin County

“Hay harvest continued this week with rain-free days. Row-crops are looking good with corn planting just about done.”

John Wilson, Blount County

STATE STORM DAMAGE ASSESSMENT BY DISTRICT AND STATE – MAY 2010

CORN							
Extent	Delta 10	West 20	Western Rim 30	Central Basin 40	Cumberland Plateau 50	East 60	State
Percent of Damage							
None	42	36	34	46	96	99	45
Light	17	14	27	25	4	1	16
Moderate	21	28	16	20	0	0	21
Severe	20	22	23	9	0	0	18

WINTER WHEAT							
Extent	Delta 10	West 20	Western Rim 30	Central Basin 40	Cumberland Plateau 50	East 60	State
Percent of Damage							
None	58	34	31	47	93	100	62
Light	22	27	19	32	6	0	17
Moderate	16	25	29	17	1	0	14
Severe	4	14	21	4	0	0	7

HAY							
Extent	Delta 10	West 20	Western Rim 30	Central Basin 40	Cumberland Plateau 50	East 60	State
Percent of Damage							
None	88	58	50	55	91	96	72
Light	7	17	22	25	7	4	15
Moderate	5	14	17	14	2	0	8
Severe	0	11	11	6	0	0	5

LIVESTOCK							
Extent	Delta 10	West 20	Western Rim 30	Central Basin 40	Cumberland Plateau 50	East 60	State
Percent of Damage							
None	96	68	59	89	99	100	86
Light	4	16	19	7	1	0	7
Moderate	0	12	17	3	0	0	5
Severe	0	4	5	1	0	0	2

This week’s precipitation and temperature table is available on additional page 3.

TEMPERATURES AND PRECIPITATION
 For week ending: May 16, 2010 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending May 16, 2010				Current Week 5/16/10	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	89	48	70	3	1.96	4	27.34	5.09	14.26	5.78
Brownsville_TN	87	49	71	3	1.39	4	33.28	11.09	21.72	13.33
Covington	84	48	69	2	2.32	4	28.76	6.61	17.15	8.68
Dyersburg	88	52	71	3	0.53	4	17.26	-2.81	7.49	0.24
Huntingdon_Wate	86	46	69	4	1.49	3	23.68	2.54	13.11	5.73
Jackson_Exp_Stn	88	47	71	5	1.97	3	31.43	10.15	20.11	12.11
Lexington_TN	86	49	69	3	1.91	3	30.61	10.09	17.37	10.04
Martin	85	49	69	4	1.44	6	19.48	-1.36	9.35	1.75
Memphis_AG	88	51	72	3	4.62	4	30.16	8.47	17.20	9.00
Milan	88	47	70	5	2.17	3	32.99	11.59	23.30	15.52
Paris	86	41	67	3	1.94	4	23.03	2.23	14.08	6.79
Savannah_6SW	88	48	71	4	0.81	3	29.16	5.19	13.94	5.43
Selmer	88	49	71	5	1.25	4	27.26	3.48	13.31	4.77
Union_City	85	45	68	2	0.47	2	20.78	0.23	8.74	1.37
Middle										
Clarksville_Sew	86	46	69	5	1.60	3	20.43	0.08	13.41	6.71
Cookeville	85	41	66	3	0.21	3	22.25	-0.28	7.20	-0.30
Crossville_AP	83	40	66	4	0.32	3	21.22	-1.33	8.16	0.63
Dickson_AG	85	43	68	3	1.54	4	29.68	7.92	17.83	10.08
Dover_1W	85	45	67	3	2.50	4	23.51	2.22	15.39	8.00
Fayetteville_TN	88	43	71	7	1.28	2	20.25	-2.37	5.45	-1.89
Jamestown	84	35	64	2	1.00	3	22.63	1.72	8.85	1.78
Kingston_Spring	87	42	68	5	0.84	3	29.73	8.76	18.99	11.99
Lawrenceburg_Fl	86	48	68	5	1.35	4	28.23	4.75	11.42	3.76
Lewisburg	86	40	66	2	1.83	3	21.68	-0.56	9.65	1.99
Linden	85	44	67	3	2.27	3	28.79	6.03	17.83	10.06
Livingston_WLIV	86	40	65	2	0.62	3	23.65	3.15	8.83	1.85
Murfreesboro_5N	87	43	67	2	0.72	3	27.52	6.44	14.71	7.41
Nashville_Metro	86	46	69	3	1.33	3	28.79	9.61	18.37	11.43
Oneida	83	36	62	3	0.15	3	18.41	-2.65	6.29	-0.90
Portland_TN	85	45	67	3	0.69	3	17.85	-2.47	12.76	5.74
Pulaski_Water_P	84	43	66	-3	0.63	4	22.44	-0.07	8.39	1.27
Shelbyville	86	43	69	4	1.28	4	22.09	-0.18	9.45	2.06
Sparta_TN	87	40	67	3	0.37	2	25.15	3.17	6.96	-0.45
Springfield	85	44	67	3	0.60	3	25.02	5.32	14.37	7.54
Springhill	87	41	67	3	1.54	3	27.76	5.12	14.43	6.40
Tullahoma	85	44	69	4	1.29	5	22.41	-1.24	7.85	0.17
East										
Chattanooga/Lov	88	51	70	5	0.20	2	18.25	-4.13	4.89	-1.76
Cleveland_6NNE	87	45	69	5	0.64	4	19.99	-2.48	5.74	-1.17
Dayton	88	45	66	0	0.20	3	22.23	-1.11	7.73	0.41
Erwin_1W	84	37	64	4	0.21	3	11.39	-6.48	3.89	-2.47
Gatlinburg_2SW	86	37	64	3	0.74	5	19.30	-1.57	8.38	1.45
Greeneville	84	36	64	1	0.59	3	13.14	-2.98	5.82	0.39
Kingston_AG	88	43	67	4	0.39	3	22.41	-0.99	8.08	0.76
Knoxville_AP	88	45	68	5	0.22	4	17.40	-1.74	5.37	-0.45
Newcomb	85	36	64	4	0.76	2	18.48	-2.58	7.18	-0.01
Norris_4NE	86	38	64	2	1.18	3	27.83	7.32	13.68	7.06
Tri-City_RGNL_A	85	35	65	3	0.05	3	11.42	-4.23	3.45	-1.83

DFN = Departure From Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) in inches.
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